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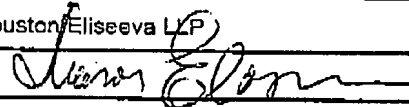
**MAY 18 2007**

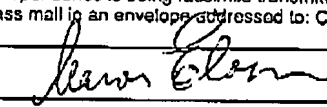
PTO/SB/21 (08-06)

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/604,302
	Filing Date	July 9, 2003
	First Named Inventor	Hans-Artur Bosser
	Art Unit	2884
	Examiner Name	Hannah, Constantine
Total Number of Pages in This Submission <b>8</b>	Attorney Docket Number	21295.55

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice of Non-Compliant Amendment.
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Houston/Eliseeva LLP	
Signature		
Printed name	Maria Eliseeva	
Date	May 18, 2007	Reg. No. 43,328

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	
Typed or printed name	Maria Eliseeva
Date	May 18, 2007

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Hans-Artur Bösser Confirmation No: 1301  
Serial No: 10/604,302 Group: 2884  
Filed: July 9, 2003 Examiner: Hannaher,  
Constantine  
For: Apparatus and Method for  
Calibration of an Optoelectronic  
Sensor and for Mensuration of  
Features on a Substrate  
Customer No.: 29127  
Attorney 21295.55  
Docket No.

REPLY TO NOTICE OF NON-COMPLIANT AMENDMENT

VIA FACSIMILE: 571-273-8300  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the pending Notice of Non-Compliant Amendment, mailed April 18, 2007 (Paper No. 20070413), please amend the above-captioned application as follows:

- amendments to the specification are set forth in section a);
- the Remarks are presented in section b).